ABSTRACT

METHOD AND KIT FOR THE SCREENING, THE DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL FACTORS

The present invention is related to a screening, detection and/or quantification method of one or more transcriptional factor(s) (1) possibly present in a biological sample, said method comprising the steps of:

- possibly extracting and isolating said transcriptional factor (1) from said biological sample,
- putting into contact the transcriptional factor (1) with a double-stranded DNA sequence (2) bound to an insoluble solid support (3), and
- detecting and/or quantifying said fixed transcriptional factor (1),

said double-stranded DNA sequence having a specific sequence able to be fixed by the transcriptional factor (1) and being preferably located at a distance of at least about 6,8 nm from the surface of the solid support (3), and said double-stranded DNA sequence being bound to the surface of the insoluble solid support (3) at a concentration of at least 0.01 pmole/cm^2 of solid support surface (3).

The present invention is also related to the kit comprising means and media for performing said method.